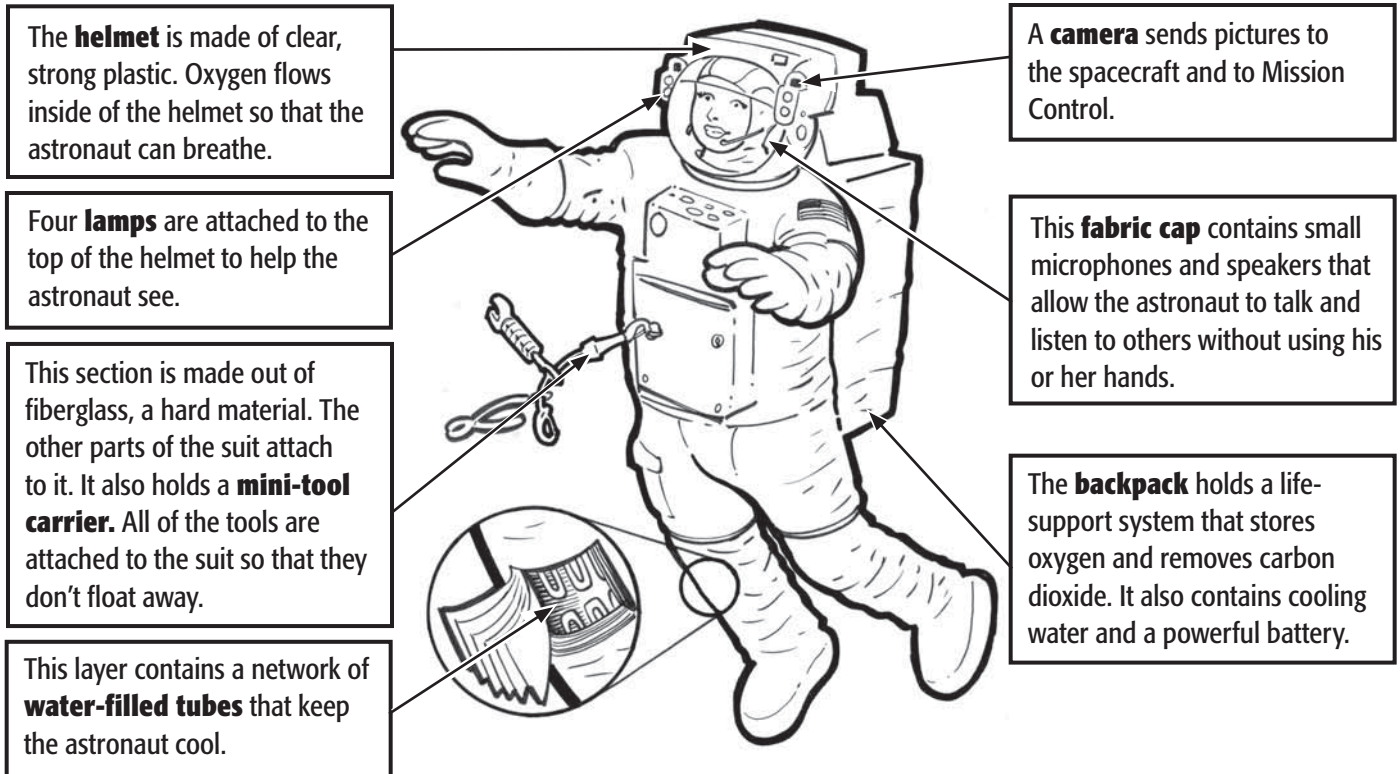


AN ASTRONAUT'S OUTFIT

Astronauts wear space suits to protect themselves from extreme conditions. In space, there is no oxygen. Temperatures fall as low as -180°F and rise as high as 275°F . Small bits of dust and rock fly by at high speeds. Study the diagram below to find out how a space suit works. Then answer the questions.



1. Which part of the space suit protects an astronaut's face from flying bits of dust and rock?

2. How does an astronaut keep cool inside the space suit? _____

3. How does an astronaut breathe in space? _____

4. Why are an astronaut's tools attached to the space suit? _____

5. Why do you think an astronaut wears a camera that sends pictures to the spacecraft and Mission Control? _____

6. If you could add one feature to the space suit, what would it be? Explain your answer.
